

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	69133	(dna chip) same electrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 15:53
S2	13321	S1 and (impedance spectroscopic detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 12:55
S3	3248	(dna chip) same electrode same (impedance spectroscopic detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 16:23
S4	93881	(dna chip) same (electrochemical detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 16:25
S5	3445	microelectrode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 16:25
S6	383	microelectrode same (dna chip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 16:25
S7	330	S6 and (electrochemical detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 16:27
S8	58	S7 and hydrogel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/25 16:28

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S9	2023413	(impedance spectroscopic detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 12:55
S10	106574	(impedance spectroscopic detection) same (dna chip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 12:55
S11	3759	(impedance spectroscopic detection) same (dna chip) same (polarization electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 12:56
S12	3281	(impedance spectroscopic detection) same (dna chip) same (polarization electrode) same (sensor electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 12:56
S13	911	(impedance spectroscopic detection) same (dna chip) same (polarization electrode) same (sensor electrode) same (silicon substrate)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 12:57
S14	125	(impedance spectroscopic detection) same (dna chip) same (polarization electrode) same (sensor electrode) same (silicon substrate) same (buffer amplifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:09
S15	9178026	(four pole microelectrode system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:13
S17	46	S14 same S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:10

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S18	2919746	(four pole microelectrode )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:13
S19	30483	(four pole microelectrode ) with (impedance spectroscopic detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:13
S20	42031	(four pole microelectrode ) with (impedance spectroscopic detection)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:14
S21	3880	(four pole microelectrode ) with (impedance spectroscopic detection) with ( sensor electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:14
S22	1225	(four pole microelectrode ) with ((impedance spectroscopic detection) with ( sensor electrode) with (polarization electrode))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 13:15
S23	13	(four pole microelectrode ) with ((impedance spectroscopic detection) with ( sensor electrode) with (polarization electrode) with silicon)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:04
S24	5541	(435/287.2).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:17
S25	3296	S24 and (sensor chip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:17

## EAST Search History

S26	3188	S25 and (biological detection systems)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:19
S27	3008	S26 and (four pole system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:20
S28	3014	S26 and (four pole microelectrode system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:39
S29	2	"20020137074"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/30 15:39
S30	20	"6169394"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/31 09:43
S31	125	(impedance spectroscopic detection) same (dna chip) same (polarization electrode) same (sensor electrode) same (silicon substrate) same (buffer amplifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/31 09:45
S32	9178026	(four pole microelectrode system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/31 09:45
S33	97	S31 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/31 09:54

## EAST Search History

S34	43	"6716620", "7192752", "6051422", "6132683"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/10/31 09:54
S35	0	pcr with (microflow with probe with pretreatment with channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/01 16:26
S36	0	pcr with (microflow with probe and pretreatment and channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/01 16:27
S37	0	pcr with microflow and (probe and pretreatment and channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/01 16:27
S38	11	PCR and microflu\$ and probe and pretreatment with channel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/01 16:39
S39	11	microflu\$ and probe and pretreatment with channel and detection and reagent	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/01 16:39
S40	3525	(micro chip)with ((plurality electrodes) with (sensor))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:36
S41	20	(micro chip)with ((plurality electrodes) with (sensor) with (electrical field) with (thin film))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:39

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S42	0	S41 and hydrogel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:36
S43	47	S40 and hydrogel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:37
S44	36	S43 and silicon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:43
S45	8	S41 and silicon	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:37
S46	7	"6716620"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:44
S47	24	"6051422"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:44
S48	105	(micro chip) with (( plurality electrodes) with biosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 10:59
S49	203	(micro chip) with (( electrodes) with biosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/29 17:01

## EAST Search History

S50	74	(micro chip) with (( electrodes) with biosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 11:09
S51	8	(micro chip) with (( electrodes) with biosensor with (Impedimetric detection))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 11:13
S52	8	(micro chip) with (( electrodes) with biosensor with (Impedance detection))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 11:14
S53	99	(micro chip) with (( electrodes) with sensor with (Impedance detection))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/11/05 11:14
S54	31	("3676775"   "3984766"   "4009078"   "4072578"   "4156180"   "4160205"   "5187096"   "5192507"   "5432086"   "5571410"   "5593838"   "5643742"   "5670031"   "5726026"   "5789191"   "5824494"   "5837196"   "5954931"   "5981268"   "6007690"   "6051422"   "6130037"   "6143247"   "6149787"   "6165335"   "6169394"   "6300141"   "6319469"   "6416642").PN. OR ("6716620").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/05 11:57
S55	204	(micro chip) with (( shielding electrodes) with biosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/16 15:55
S56	204	(micro chip) with (( electrodes) with biosensor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/29 17:01

## EAST Search History

S57	204	S56 and (reference electrode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	ON	2007/11/29 17:01
S58	3	"7208077"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/03 13:00
S59	21	"6169394"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/04 14:13
S60	6	biomolecular and detection and electrode and meander and immobilized and (buffer amplifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/04 14:20
S61	0	(DNA Chip) with biomolecular with detection and electrode and meander and immobilized and (buffer amplifier)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/04 15:09
S62	12	(DNA Chip) with detection and electrode and meander and immobilized and (buffer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2007/12/04 15:10